Concurrent Dual Band WiFi Repeater

Easily increase wireless network coverage throughout your home

Article number	EM4592
EAN code	8716065310528
Master carton	20
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OVERVIEW

- Easily increase your 2.4GHz and 5GHz network coverage
- Crossband technology: get the maximum speed
- Upgrade your network to a Dual Band network
- Location indicator
- Separated antenna system: use the 2.4Ghz and 5Ghz band simultaneously
- Easy setup with WPS function
- Installation wizard via your tablet and smartphone
- Universally applicable with the most common used wireless routers
- Wireless repeater and WiFi bridge
- Wireless speed up to 300+300Mbps
- 100Mbps LAN connection
- 5-Year warranty
- Accessible helpdesk
- Multilingual user manual
- Easy installation

TECHNICAL SPECIFICATIONS

- 2(2.4GHz) and 2(5GHz) internal antennas
- Complies with IEEE 802.11b/g/n for 2.4GHz band
- Complies with IEEE 802.11a/n for 5GHz band
- Support Repeater and Access Point mode
- Provides one 10/100Mbps Auto-Negotiation Ethernet LAN ports
- Supports SSID broadcast control and MAC access control list
- Provides up to 300Mbps transmission rates
- Supports 64/128/152-bit WEP, complies with 128 bit WPA (TKIP/AES)
- Authentication, IEEE 802.1X
- Supports WPS functionality
- Mediatek MT7620A Network Processor + 2.4 GHz Wireless chip
- Mediatek RT5592EP 5GHz RF chip
- 1 x RJ45 : Fast Ethernet
- 1 x Factory Default Reset : Button
- 1 x WPS : Button
- 4 x Antennas : Internal Embedded
- Dimensions : 59 (W) x107(H) x 99 (D) mm
- Weight : 158 g
- Operating temperature: 0° to 40° Celsius (32° to 104° Fahrenheit)
- Non-Operating temperature: -25° to 70° Celsius (-13° to 158° Fahrenheit)
- Operating humidity: 30% to 90% Relative Humidity (Non-Condensing)
- Non-operating humidity : 30% to 95% Relative Humidity (Non-Condensing)
- Supply voltage range : 100VAC – 240VAC (50/60 Hz)
- Power Consumption : 3 - 4W
- Max Current : 0.12A

The EM4592 Dual Band WiFi Repeater increases your wireless network coverage for both the 2.4GHz and the 5GHz band. The Crossband technology guarantees the highest possible data transferring speed. Installing the WiFi Repeater is very easy with the installation wizard via your tablet and smartphone or the WPS button. The location indicator helps you to find the correct location to place the repeater. The Dual Band WiFi Repeater is the most easy way to increase the coverage of your wireless network.

Dual Band repeater
Does the signal of your wireless network not reach throughout your whole house or garden? The Dual Band WiFi Repeater increases the wireless network coverage of your Dual Band router (2.4 GHz and 5GHz band). Use the 5GHz band when your 2.4GHz band suffers from many interferences. The 5GHz band is less crowded so it involves hardly any failures and increases the speed.

Crossband technology: highest possible speed
The Concurrent Dual Band WiFi Repeater uses the Crossband technology. This technology uses different bands for sending and receiving data packages. For example: the 2.4GHz band is used for the communication between the router and repeater. And the communication between the repeater and mobile devices (laptops, tablets and smartphones) uses the 5GHz band. You will get the maximum possible speed!

Upgrade your network to a Dual Band network
It is useful to use the 5GHz band when your 2.4GHz network suffers many interferences. The only problem is that you own a Single Band router. We have created the solution! The EM4592 Concurrent Dual Band WiFi Repeater upgrades your Single Band router to a Dual Band Router. The EM4592 WiFi Repeater receives the 2.4GHz band from your current router and transfers it to both a 2.4GHz and 5GHz output.

Location indicator
Plug the EM4592 in the power socket. The WiFi signal indicator displays the best location for the repeater. This ensures an optimal wireless signal.

Easy setup via installation wizard or WPS button
Installing the EM4592 is very easy. Press the WPS (WiFi Protected Setup) button on your router, then press the WPS button on the Eminent WiFi Repeater. Do you prefer installing the repeater manually? The super easy installation wizard guides you through the installation. You can even use your tablet and smartphone. How easy is that?

Works with any wireless router
The Concurrent Dual Band WiFi Repeater uses the 300N standard. This standard is compatible with all common used routers. This makes the Concurrent Dual Band WiFi Repeater universally applicable.

Additional network port
The EM4592 can also be used as a wireless bridge. Connect a device (which requires a wired Internet connection) to the network port of the repeater.

BOX CONTENTS

- EM4592
- UTP cable
- CD-Rom wit manual
- QIG